

Abstract of the Disclosure

- Methods and apparatus for automatically adjusting the angle of a rotatable side view mirror of an articulated tractor and trailer includes transducers attached to the tractor for transmitting signals toward the trailer and for receiving signals reflected by the trailer. The transducers have a
- 5 substantially symmetrical arrangement about a centerline of a linear transducer bar attached to the tractor and each has an angular orientation substantially dissimilar to adjacent transducers on a same side of the centerline. A control circuit sequentially activates ones of the transducers such that only a single transducer transmits signals at any given time.
- 10 Thereafter, the control circuit only processes reflected signals received by the emitting transducer. The control circuit calculates an angle between the tractor and trailer and causes the mirrors to rotate. Transducer calibration and mirror adjustment relative to a zero position set by a driver are also contemplated.